

ST MARY'S CHURCH  
DEDHAM

NEW ORGAN

PROGRESS REPORT

MAY 2024



NICHOLSON & CO. LTD  
MALVERN



**Date of issue**

2 May 2024

**Safety**

There have been 0 safety incidents and 0 near-misses on the project.

**Design and planning**

Detailed design of all parts of the organ is now complete.

**Overview of activities undertaken in period**

- Cleaning, measurement and repair of all manual pipework and some pedal pipework.
- Refurbishment of the console.
- Construction of reservoirs.
- Detailed design work.
- Construction of mobile console platform.
- Construction of pedal chests.

**Overview of planned activities for next period**

- Continued construction of pedal chests
- Continued refurbishment of the console

**Decisions or information required from client**

- None

**Programme**

No change from previously reported.



OVERALL PROGRESS AT A GLANCE

MECHANISM

Item	Dismantled / removed	Design	Manufacture	Restoration	Installation
<i>Wind system</i>					
Blower		Complete	Ordered		Not started
Blower cabinet		Complete	Not started		Not started
Wooden wind trunking		Complete	Not started		Not started
Metal wind trunking		Complete	Not started		Not started
Great / Pedal reservoir		Complete	Complete		Not started
Swell reservoir		Complete	Complete		Not started
Swell tremulant			Complete		Not started
Conveyancing		Complete	Not started		Not started
<i>Underactions</i>					
Great		Complete	Underway		Not started
Swell		Complete	Underway		Not started
<i>Soundboards</i>					
Great		Complete	Underway		Not started
Swell		Complete	Underway		Not started
<i>Slider solenoids</i>					
Great		Complete	Complete		Not started
Swell		Complete	Complete		Not started



Item	Dismantled / removed	Design	Manufacture	Restoration	Installation
<i>Chests</i>					
Open Diapason 16' / Octave 8' C1-F#7#		Complete	Complete		Not started
Open Diapason 16' / Octave 8' G8-E17		Complete	Underway		
Open Diapason 16' / Octave 8' F18-D#28		Complete	Underway		
Sub Bass 16' / Flute 8' C1-G#9		Complete	Complete		Not started
Open Diapason 16' / Octave 8' E29-F42 AND Sub Bass 16' / Flute 8' A10-F42		Complete	Underway		Not started
Trombone 16' C1-G#21		Complete	Underway		Not started
Trombone 16' A22-F30		Complete	Underway		Not started
No. 1 Open Diapason 8' C1-A#11 odds		Complete	Underway		Not started



Item	Dismantled / removed	Design	Manufacture	Restoration	Installation
No. 1 Open Diapason 8' C#2-B12 evens		Complete	Underway		
Hohl Flute 8' C1-A#11 odds		Complete	Underway		
Hohl Flute 8' C#2-B12 evens		Complete	Underway		
<i>Expression box and building frame</i>					
Expression box		Complete	Underway		Not started
Building frame		Complete	Complete		Not started
<i>Casework</i>				Not started	Not started
<i>Console</i>					
Bench		Complete	Not started		Not started
Keyboards and thumb pistons	Complete	Complete		Underway	Not started
Pedalboard and toe piston sweep	Complete	Complete		Underway	Not started
Drawstops and jambs	Complete	Complete		Underway	Not started
Frame	Complete	Complete		Underway	Not started
Electrical systems		Complete	Not started		Not started
Cladding	Complete	Complete	Not started		Not started
Platform		Complete	Complete		Not started



## PIPEWORK

Item	Dismantled/ removed	Design	Manufacture	Restoration	Regulated/ voiced in workshop	Installation and tonal finishing
<i>Pedal</i>						
Open Diapason 16' / Octave 8'	Complete			Underway	Complete	Not started
Sub Bass 16' / Flute 8'	Complete			Complete	Complete	Not started
Trombone 16'	Complete			Complete	Not started	Not started
<i>Great</i>						
Bourdon 16'	Complete			Complete	Complete	Not started
No. 1 Open Diapason 8'	Complete			Complete	Complete	Not started
No. 2 Open Diapason 8'	Complete			Complete	Complete	Not started
Hohl Flute 8'	Complete			Complete	Complete	Not started
Dolce 8'	Complete			Complete	Complete	Not started
Octave 4'	Complete			Complete	Complete	Not started
Flute Harmonique 4'	Complete			Complete	Complete	Not started
Twelfth 2 <sup>2</sup> / <sub>3</sub> '	Complete			Complete	Complete	Not started
Fifteenth 2'	Complete			Complete	Complete	Not started
Grave Mixture III	Complete			Complete	Complete	Not started
Trumpet 8'	Complete			Complete	Complete	Not started
<i>Swell</i>						
Lieblich Bourdon 16'	Complete			Complete	Complete	Not started



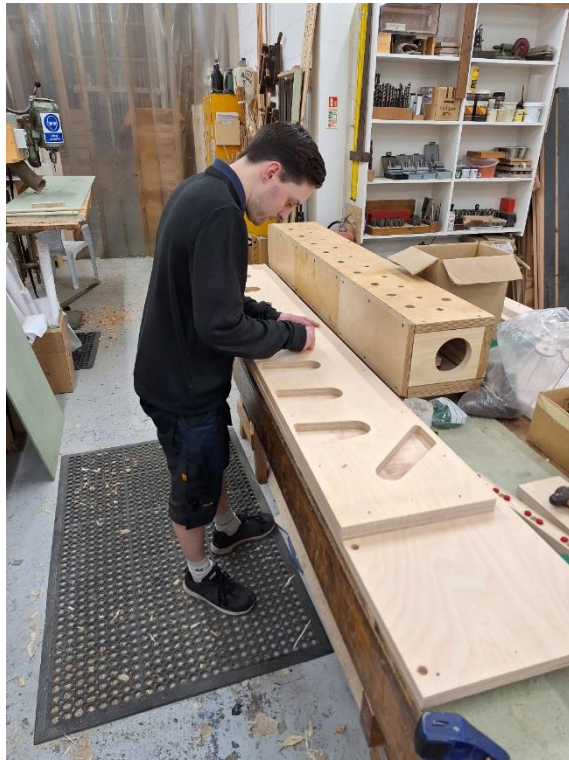
Item	Dismantled/ removed	Design	Manufacture	Restoration	Regulated/ voiced in workshop	Installation and tonal finishing
Open Diapason 8'	Complete			Complete	Complete	Not started
Gedact 8'	Complete			Complete	Complete	Not started
Viol d'Orchestre 8'	Complete			Complete	Complete	Not started
Celestes 8'	Complete			Complete	Complete	Not started
Salicet 4'	Complete			Complete	Complete	Not started
Piccolo 2'	Complete			Complete	Complete	Not started
Mixture III	Complete			Complete	Complete	Not started
Horn 8'	Complete			Complete	Complete	Not started
Oboe 8'	Complete			Complete	Complete	Not started



PROGRESS PHOTOS



Boards for chests engraved with stop names



Pedal chest construction - preparing grooving veneers





Pedal chest construction –  
preparing rackboards



Pedal chest construction –  
leathering motors



Pedal chest construction –  
setting up actions



Pedal chest construction –  
completd action





Pedal chest construction – assembling well and spine



Boards for chests ready for assembly



Refurbishing keys



New name plaque





New thumb pistons



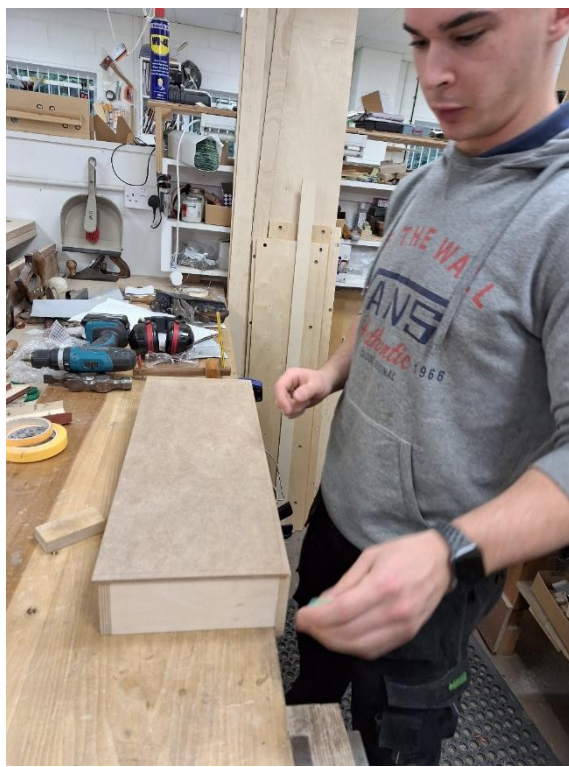
Making wind controls



Making boards for  
soundboard power motors



Spines and wells for soundboards



Cover boxes to silence the magnets on chests



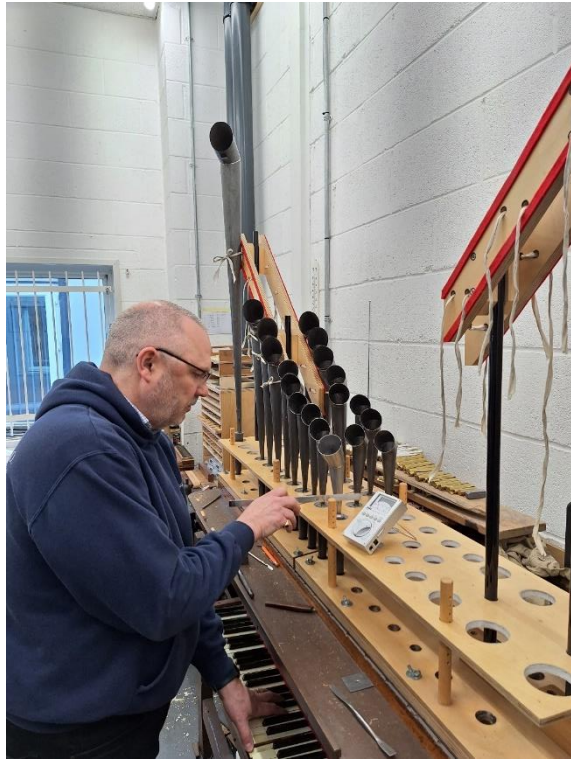


Swell Horn 8' on voicing machine



Swell Oboe 8' on voicing machine

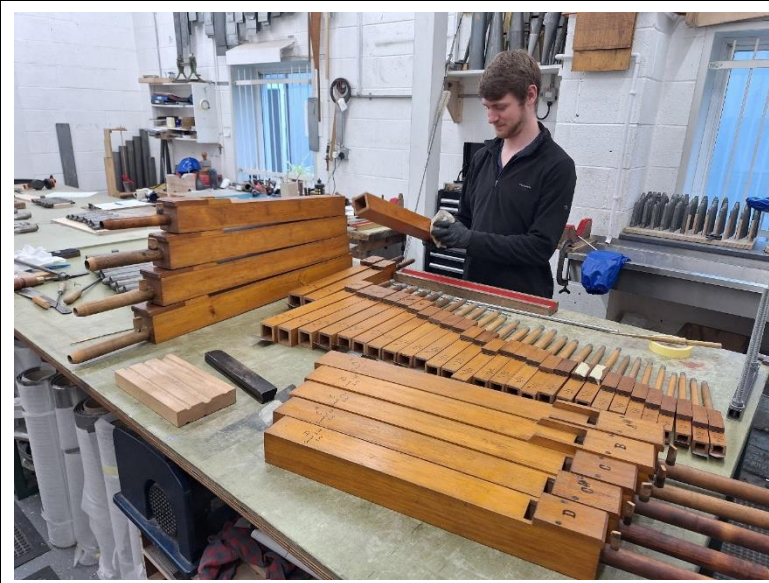




Great Trumpet 8' being worked on



Working on the Open Diapason No. 1 8'

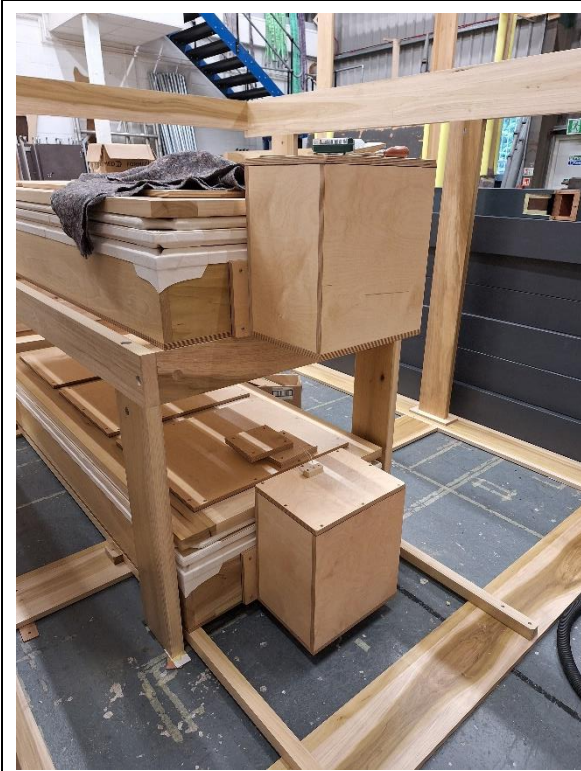


Cleaning the Hohl Flute 8'

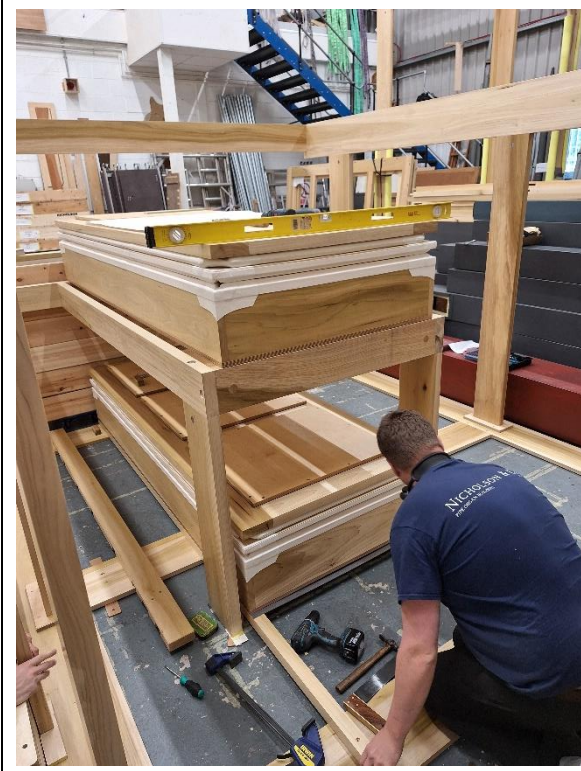


Frame for swell box





Building frame and reservoirs assembled, with wind controls fitted



Levelling up ground frame



Open Diapason 16' pipes (partially repainted, still to complete) stayed up on their new chest, and being tested on the wind



Open Diapason 16' pipes being painted





Slider solenoid racks



New tremulant for Swell